

THE 10TH ANNUAL

AP® Report to the Nation

STATE SUPPLEMENT FEBRUARY 11, 2014

EUGIDUI



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About This Report

This report provides educators and policymakers with information they can use to celebrate their successes, understand their unique challenges, and set meaningful goals to increase opportunity for all students. It's important to note that while AP® Exams are valid measures of students' content mastery of college-level studies in specific academic disciplines, AP results should never be used as the sole measure for gauging educational excellence and equity.

Because reliable demographic data for nonpublic schools are not available for all states, this report represents public school students only. Additionally, this report looks at students' entire experience with AP—tracking exams taken by graduates throughout their high school careers—as opposed to reporting exam results from a particular calendar year.

Additional data are available at apreport.collegeboard.org.

Note: Throughout this report, public high school graduates represent projections supplied in *Knocking at the College Door* (Western Interstate Commission for Higher Education, 2012).

The redesigned courses, Biology, Latin, and Spanish Literature and Culture, began in fall 2012, and the first AP Exam based on those redesigned courses was administered in May 2013. As a result, the data in this report reflect a blend of the old and redesigned exam results.

Indiana has made progress in recent years in improving student access and supporting student performance in AP®. Just as we do in the national report, we wanted to take an opportunity to applaud your efforts and offer additional strategies for your consideration.



Current Picture

Congratulations. You are already using these strategies to build a robust AP Program. You:

- Include AP in the state accountability system.
 - Establish AP participation and performance indicators.
 - Set clear, measurable statewide goals toward improvement in AP participation and performance.
- Provide support for AP students by paying for exam fees.
- Celebrate the schools that have more than 25 percent of their graduating students scoring a 3 or higher on an AP Exam through their hard work and dedication to increasing participation and success in AP. See page 5 for more details.
- Encourage your educators to participate in the development of the AP Program, such as by becoming AP Exam Readers or participating in course and exam development committees. See page 5 for more details.
- Clearly communicate how AP fits into state graduation requirements, and share information about funding opportunities that enable students to participate and succeed in AP.
- Ensure that public colleges and universities develop AP Exam credit and placement policies based on institutional goals, alignment with corresponding courses, and objective outcomes research.



Opportunities

The following strategies have been proven effective. To build an even stronger AP program, you could:

- ☐ Provide funding for teachers in underserved areas of the state to participate in professional development.
- Provide targeted assistance and resources to some schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs.
- □ Provide resources to schools and districts to support research-based programs that build content knowledge and skills — particularly in literacy and math — to prepare students for success in AP course work, and in college and careers.



Highlights

The following information dives a little deeper into the details of your efforts.

Participation in the Development of AP

2013 Reading participants — Total: 236 Indiana represents 2.1% of all Readers

• AP High School Teachers: 90

• College and University Faculty: 146

2013 AP Professional Development Leaders - Total: 22

2013 AP Development Committee Members - Total: 6

U.S. History

Japanese Language and Culture

Art History

Italian Language and Culture German Language and Culture

Latin

Indiana State University

Indiana University – Bloomington

Indiana University - Bloomington

Indiana University
Purdue University
Park Tudor School

Indiana's List of Schools with at least 25 percent of graduates passing an AP Exam

Avon High School

Batesville High School

Bloomington High School South

Bloomington High School North

Brownsburg High School

Burris Laboratory School

Carmel High School

Carroll High School

Center Grove High School

Crown Point High School

Columbus North High School

Decatur Discovery Academy

Fishers High School

Floyd Central High School

Herron High School

Homestead Senior High School

Hamilton Southeastern High School

IN Aca for Sci Math & Humanities

John Glenn High School

Lanesville Jr-Sr HS

Lake Central High School

Manchester Jr-Sr High School

Munster High School

North Central High School

Noblesville High School

Plymouth High School

Signature School Inc

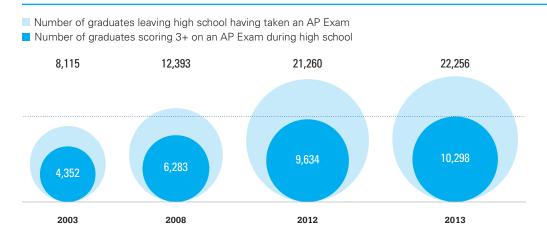
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Highlights (continued)

Terre Haute South Vigo High School Tri Central Middle-High School Westfield High School West Lafayette Jr/Sr High School William Henry Harrison High School Yorktown High School Zionsville Community High School

FIGURE 1 Growth in AP® Participation and Success



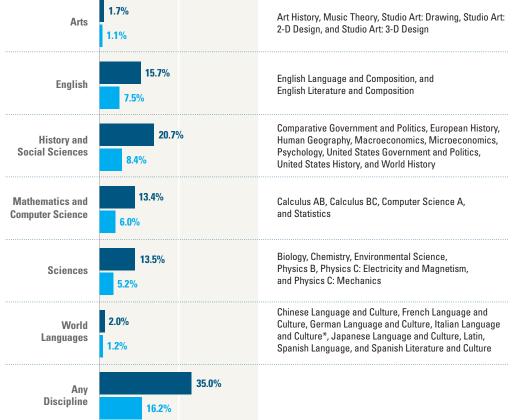
More graduates

are succeeding on AP Exams today than took them in 2003

FIGURE 2 Participation in and Success on AP Exams in the Class of 2013

- Percentage of graduates leaving high school having taken an AP Exam
- Percentage of graduates scoring 3+ on an AP Exam during high school

Percentage of Indiana Graduating Class 0% 30% 60% 1.7% Art History, Music Theory, Studio A



Total Number of Graduates: 63,524

History and Social Sciences

had the greatest number of students achieving a score of 3 or higher

^{*} AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

FIGURE 3 Score Distributions of AP Exams Taken by the Class of 2013 During High School

lank	Subject	No. of Exams						% of	Exam S	Scores+					
	·		100%	80%	60%	40	1%	20%	0%		%	40%	60%	80%	6 100°
	Calculus BC	1,039	:	:	:			14	1.8 6.6	19.1	17	.3		42.2	:
	Studio Art: Drawing	189						1.6	20.6		3	39.2	20.1	18.5	
	French Language and Culture	176						5.1	23.3		33.0	2	3.3 1	5.3	
	German Language and Culture	108		:				13.0	16.7		32.4	22	.2 1	5.7	
	Studio Art: 2-D Design	357					4.8		26.3		31.7		28.0 9.	2	
	Physics C: Mechanics	547						14.3	20.8	21.2		25.6	18.1		
	European History	974						28.	3 9.8	2	8.4	21.7	11.8		:
	Music Theory	300	:	:	:	İ	12.0		28.7	22.3		18.3	18.7	:	:
8	Psychology	2,945						25.9	14.9	20.3		24.4	14.5		
	Computer Science A	266						33	8.1 8.3	14.7		28.2	15.8	:	
	Studio Art: 3-D Design	62				3.2		•	38.7	24.	2	19.4	14.5		:
	Human Geography	774	:	:				23.5	18.7	25.	3	22.0	10.5	:	:
	Physics C: Electricity and Magnetism	234						22.2	20.1	12.4		27.4	17.9		
	Spanish Literature and Culture	56					12.5		30.4		33.9	2	23.2		
	Comparative Government and Politics	36		:	:		2	5.0	22.2	16.7		25.0 11.	1		
	Latin	55					23	3.6	23.6		30.9	14.5 7.3	3		
	Spanish Language	912						30.4	17.0	17.2	19	15.0	6		
	Statistics	2,052						29.6	18.7	23.1		17.5 11.1	Ī		:
3	English Language and Composition	6,435		:		1	5.4		33.9	27	7.2	15.3 8.2	Ī		
	Microeconomics	1,369						33.1	17.5	18.6	1	9.4 11.4			
	Japanese Language and Culture	23							52.2	17.4 4.3		26.1			
	Physics B	1,143						35.4	17.9	23.8	12	2 10.7			:
2	English Literature and Composition	6,481	:	:		12.3			41.6	2	8.9	12.2 5.0	:	:	:
	Art History	255						34.9	19.6	20.8	16	.1 8.6	:		:
	Macroeconomics	902						34.5	20.5	13.6	19.6	11.8		:	
9	World History	2,472					26.8		28.5	21.2	13.	9 9.6	:		:
	Chinese Language and Culture	9	:	:					55.6	11.1		33.3	:	:	:
4	Calculus AB	6,430						45.2	12.7	14.8	3.1	14.2			
5	Biology	3,674					30.2		28.5	23.1	11.0	6 6.7	:		:
6	United States Government and Politics	3,397					32.2	2	26.5	22.1	11.4	7.8			
10	Environmental Science	2,127		:			35.1		26.6	14.9	17.8	5.6	:		:
7	Chemistry	3,025	:					47.0	17.4	16.1 1		- :		:	
1	United States History	7,859		:			35.4		31.7	16.5				:	:
	Italian Language and Culture*	1										•		:	

 $^{\,}$ + Due to rounding, percentages do not always add up to 100.0.

Subjects with fewer than five AP $\operatorname{\mathsf{Exam}}$ takers were omitted from this figure.

^{*} AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

Low Income

FIGURE 4 Trends in AP Exam Participation and Success

The percentage or number of ...

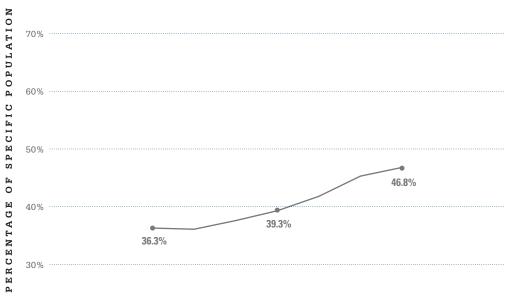
- K-12 students eligible for free or reduced-price lunch*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

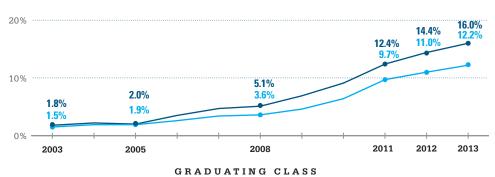
8,615

AP Exams were taken by low-income graduates in the class of 2013



	2003	2008	2012	2013
•	**	**	**	**
•	143	637	3,051	3,556
•	67	229	1,056	1,253





^{*}Estimates reflect the percentage of K–12 public school students eligible for free or reduced-price lunch. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics: 2008* (Table 42), *2009* (Table 42), *2010* (Table 44), *2011* (Table 45), and *2012* (Table 46).

^{**}The numbers of students in the graduating classes who are eligible for free or reduced-price lunch are not available.

Black/African American

FIGURE 5 Trends in AP Exam Participation and Success

The percentage or number of ...

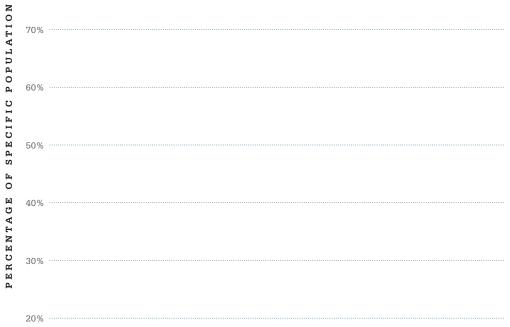
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

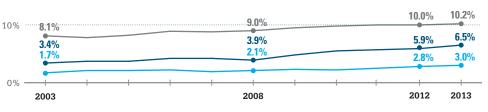
1,441

black/African American graduates in the class of 2013 took an AP Exam during high school









Hispanic/Latino

FIGURE 6 Trends in AP Exam Participation and Success

The percentage or number of ...

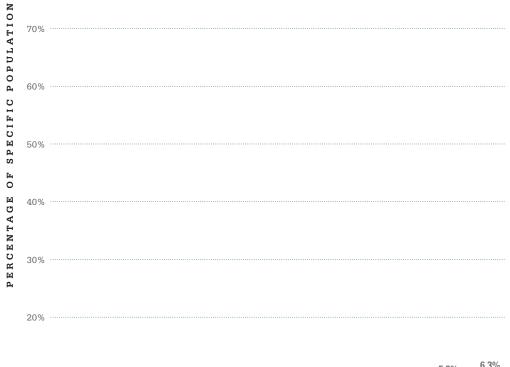
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

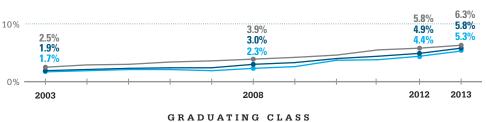
1,281

Hispanic/Latino graduates in the class of 2013 took an AP Exam during high school



	2003	2008	2012	2013
•	1,474	2,433	3,693	4,000
•	155	377	1,042	1,281
•	74	143	420	547





American Indian/ Alaska Native

FIGURE 7 Trends in AP Exam Participation and Success

The percentage or number of ...

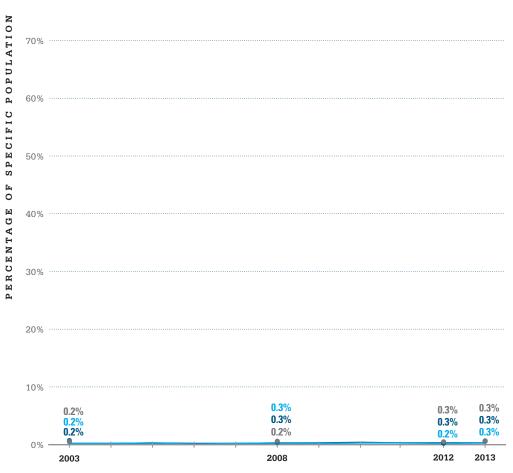
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native



American Indian/Alaska Native graduates in the class of 2013 took an AP Exam during high school



	2003		2012	
•	110	141	186	220
•	20	37	70	67
•	7	18	20	27



Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

The percentage or number of ...

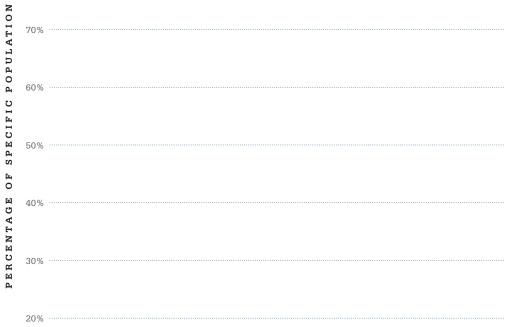
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

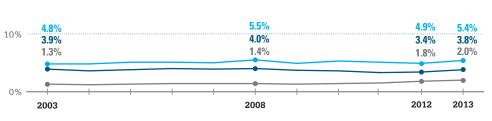
847

Asian/Asian American/Pacific Islander graduates in the class of 2013 took an AP Exam during high school









White

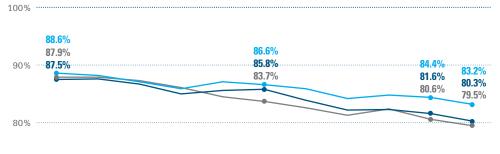
FIGURE 9 Trends in AP Exam Participation and Success

The percentage or number of ...

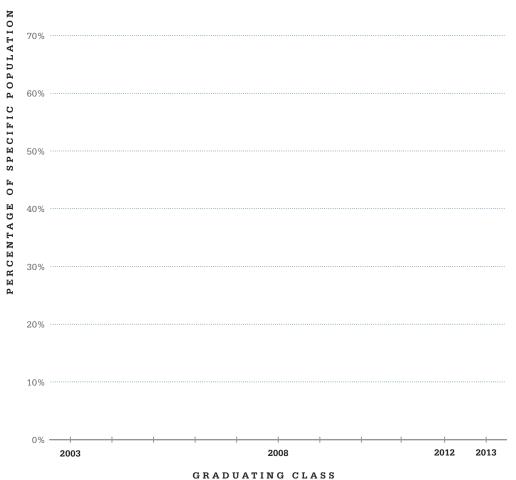
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are white

17,874

white graduates in the class of 2013 took an AP Exam during high school



	2003	2008	2012	2013
•	50,920	51,810	51,075	50,474
•	7,097	10,631	17,351	17,874
•	3,854	5,442	8,128	8,572





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